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# REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

2271/46440-B

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 5,870,370, granted February 9, 1999, and for which a reissue patent is sought on the invention entitled OPTICAL PICKUP APPARATUS

the specification of which

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as reissue application number \_\_\_\_ / \_\_\_\_\_  
and was amended on \_\_\_\_\_  
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

- ☐ by reason of a defective specification or drawing.
- ☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.
- ☐ by reason of other errors.

At least one error upon which reissue is based is described as follows:

1. The inadvertent failure to include a claim, such as claim 15, that is otherwise similar to claim 1 but does not recite that the flux separating element is formed of a birefringent material, or a claim such as claim 21 that does not recite the use of a birefringent material (as does claim 1) or the use of a laser and a light-receiving element formed in a single stem (as does claim 11); and
2. The inadvertent failure to include method claims such as claims 25-28.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

2271/46440-B

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Name(s)

Registration Number

Ivan S. Kavrukov

25,161

Richard F. Jaworski

33,515

Correspondence Address: Direct all communications about the application to:

☐ Customer Number

OR

Type Customer Number here

Place Customer Number Bar  
Code Label here

<input checked="" type="checkbox"/> Firm or Individual Name	Ivan S. Kavrukov, Esq.				
Address	Cooper & Dunham LLP				
Address	1185 Avenue of the Americas				
City	New York	State	NY	ZIP	10036
Country	U.S.A.				
Telephone	212-278-0400	Fax	212-391-0525		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.					
Full name of sole or first inventor (given name, family name)					
Yoshitaka TAKAHASHI					
Inventor's signature <i>Yoshitaka Takahashi</i>					
Residence	Yokohama-shi, Japan		Date	April 20, 2000	
Post Office Address	Same as Residence		Citizenship		
Full name of second joint inventor (given name, family name)					
Hiroshi AKIYAMA					
Inventor's signature <i>Hiroshi Akiyama</i>			Date April 20, 2000		
Residence	Yokohama-shi, Japan		Citizenship		
Post Office Address	Same as Residence				
Full name of third joint inventor (given name, family name)					
Masami EMOTO					
Inventor's signature <i>Masami Emoto</i>			Date April 20, 2000		
Residence	Yokohama-shi, Japan		Citizenship		
Post Office Address	Same as Residence				
<input type="checkbox"/> Additional joint inventors are named on separately numbered sheets attached hereto.					

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Ricoh Company, Ltd.Application No./Patent No.: 5,870,370 ~~File~~ Issue Date: February 9, 1999Entitled: OPTICAL PICKUP APPARATUSRicoh Company, Ltd., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 7438, Frame 0627, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

**[NOTE]:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

May 16, 2000  
Date

Yasuhiro TABATA  
Signature  
Yasuhiro TABATA  
Typed or printed name

Deputy General Manager of Legal Division  
Title

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Reissue Application Of: Yoshitaka Takahashi, et al.  
For: OPTICAL PICKUP APPARATUS  
Reissue Application No.:  
Reissue Application Filing Date: Concurrently herewith  
Original Patent No.: 5,870,370  
Original Patent Granted On: February 9, 1999

1185 Avenue of the Americas  
New York, New York 10036

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

**CONSENT OF ASSIGNEE RICOH COMPANY, LTD.**  
**TO REISSUE APPLICATION AND OFFER**  
**TO SURRENDER ORIGINAL PATENT**

Ricoh Company, Ltd., the assignee of the subject patent, through its authorized undersigned officer, hereby consents to the filing, examination, and issuance of the above-identified application seeking reissue of U.S. Patent No. 5,870,370 granted on February 9, 1999, and offers to surrender the original patent before the grant of a reissue patent.

RICOH COMPANY, LTD.

Date: May 16, 2000

*Yasuhiro Tabata*  
(Signature)

Yasuhiro TABATA  
(Name)

Deputy General Manager of Legal Division  
(Title)

Authorized to sign on behalf of  
Ricoh Company, Ltd.



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

DATE: 05/20/95  
TO:

N08C

IVAN S. KAVRUKOV, ESQ.  
COOPER & DUNHAM  
1185 AVENUE OF THE AMERICAS  
NEW YORK, NY 10036



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ASSIGNOR:  
TAKAHASHI, YOSHITAKA

DOC DATE: 03/06/95

ASSIGNOR:  
AKIYAMA, HIROSHI

DOC DATE: 03/06/95

ASSIGNOR:  
EMOTO, MASAMI

DOC DATE: 03/06/95

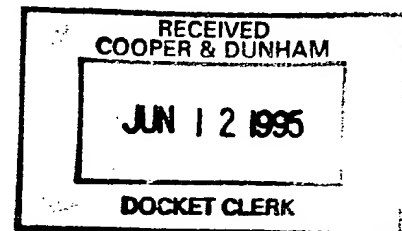
RECORDATION DATE: 03/27/95 NUMBER OF PAGES 004 REEL/FRAME 7438/0627

DIGEST: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:  
RICOH COMPANY, LTD.  
3-6, 1-CHOME NAKAMAGONE, OHTA-KU  
TOKYO 143, JAPAN

SERIAL NUMBER 8-311050 FILING DATE 09/23/94  
PATENT NUMBER ISSUE DATE 00/00/00

*L. Stuebs*  
EXAMINER/PARALEGAL  
ASSIGNMENT BRANCH  
ASSIGNMENT/CERTIFICATION SERVICES DIVISION



RECORDATION FORM COVER SHEET  
PATENTS ONLY

Attorney Dkt. 2271/46440

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Yoshitaka TAKAHASHI, Hiroshi AKIYAMA  
and Masami EMOTO

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

## 3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: March 6, 1995

## 2. Name and address of receiving party(ies):

Name: Ricoh Company, Ltd.

Internal Address: \_\_\_\_\_

Street Address: 3-6, 1-Chome Nakamaqome, Chita-kaCity/Country Tokyo 143, JAPAN

Additional name(s) &amp; address(es) attached?

☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) S.N. 08/311,050  
filed September 23, 1994

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Ivan S. Kavrukov, Esq.

Internal Address: \_\_\_\_\_

Street Address: Cooper & Dunham1185 Avenue of the AmericasCity: New York State: N.Y. ZIP 100366. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): ..... \$ 40☒ Enclosed☐ Authorized to be charged to Deposit Account

## 8. Deposit account number:

03-3125

(Attach duplicate copy of this page if paying by deposit account)

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3 581

40.00 CK

## 9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

GERARD M. WISSING REG. No. 36,309

Ivan S. Kavrukov, Reg. No. 25161

Name of Person Signing

Signature

March 23, 1995

Date

Total Number of pages including cover sheet: 4

OMB No. 0651-0011 (exp. 4/94)

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## ASSIGNMENT

*In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned,*

*Yoshitaka TAKAHASHI, now residing at  
3-67-10-102, Utsukushigacka, Utsuba-ku, Yokohama-shi, Kanagawa 225, Japan  
Hiroshi AKIYAMA, now residing at  
Eda Ryo, 17-27 Edaminami 2-chome, Tsuzuki-ku, Yokohama-shi, KANAGAWA 224, JAPAN  
and Masami EMOTO, now residing at  
630, Nakata-cho, Izumi-ku, Yokohama-shi, Kanagawa 245, Japan*

*Hereby sell, assign and transfer to RICOH COMPANY, LTD., a corporation of Japan, having a place of business at 3-6, 1-Chome, Nakamagome, Ohta-ku, Tokyo 143, Japan, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed, in the application for United States Patent, which was executed by the undersigned concurrently herewith and is entitled*

### **OPTICAL PICKUP APPARATUS**

*and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;*

*Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;*

*Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for*

1971/10/30 14:00

said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

**COVENANT** with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Yoshitaka Takahashi [L.S.]  
Yoshitaka TAKAHASHI

Date: March 6, 1995

Witness: Toku Hirino

\_\_\_\_\_  
\_\_\_\_\_

0017430 0000029



Hiroshi Akiyama [L.S.]  
Hiroshi AKIYAMA

Date: March 6, 1995

Witness: Toku Hirino  
\_\_\_\_\_  
\_\_\_\_\_

Masami Emoto [L.S.]  
Masami EMOTO

Date: March 6, 1995

Witness: Toku Hirino  
\_\_\_\_\_  
\_\_\_\_\_

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CHIEF OF POLICE